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**Tool for boring holes in materials of poor machinability -
in form of twist drill with flutes progressively narrowing towards
shank**

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Patent Family:

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Patent Details:

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Abstract (Basic): SU 1774904 A

A precision twist drill is provided with flutes of specified variable width, with correspondingly increasing web thickness. The twist drill has a working portion (1) transformed into a taper shank

(2). The web thickness of the drill (4) increases progressively towards the shank between 0.1 and 0.9 of the drill diameter, with corresponding narrowing of the drill flutes (5).

ADVANTAGE - This reduces oscillations in the lands and increases

the rigidity of the drill, its service life and machining quality, especially on materials of poor machinability. Bul.41/7.11.92

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Title Terms: TOOL; BORE; HOLE; MATERIAL; POOR; MACHINING; FORM; TWIST; DRILL; FLUTE; PROGRESS; NARROW; SHANK

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